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SCA MILAM LANDFILL
ILT 180014961

ESI PRIORITIZATION QUESTIONNAIRE

Site Name: SCA Milam LDFL ID# ILT180014961
Date Prepared: September 12, 1991 Prepared By: Mikhail Gumin
Site Location: Section 5 T.2N. R.9W., East St. Louis, St. Clair County, Illinois
Brief Site History The 265 acre site began its operations in the 1960s. Old Milam landfill (the western part of the property) was operating as a landfill until 1976 with several violations of waste disposal regulations concerning spreading and compacting refuse and application of cover, open burning and deposition of refuse in surface water. Industrial wastes including drums and barrels were disposed of at the landfill. In 1973 there was a fire which included the exploding of drums. In 1976 landfiling in New Milam (the eastern part of the site) was permitted. A part of the north-western section of the site was used to store drums that allegedly contained paint, solvents, and metals. Drums were removed from the site in 1984, and contaminated soil was removed in 1986. At the present time the New Milam landfill is run by Waste Management of Illinois, Inc. in compliance with the applicable regulations.
Superfund Preliminary Assessment PA Date (FIT): January 27, 1981 PA Rating: N/A
Hazardous Substances of Concern:

Migration Pathway(s) of Concern:

Type of Documentation of Hazardous Substances:

Superfund Site Inspection Date of Inspection (FIT): August 9, 1984

Migration Pathways Investigated:

Groundwater - 6 on-site monitoring well samples

Surface water - 3 sediment samples from the on-site creek

Type/Contaminants of Concern Found for each Migration Pathway:

Groundwater: Tin- 45ug/l in sample B-2a; Zinc - 222 ug/l and 1,1 dichlorethane - 56 ug/l in sample B-11

Surface water: Acetone - 100 ug/kg, 4,4 DDE - 47 ug/kg, 4,4 DDD - 51 ug/kg, Chromium - 11.6 mg/kg, Zinc - 289 mg/kg, Lead - 86 mg/kg, Arsenium -5.5 mg/kg in upstream sediment sample; Chlorbenzene - 370 ug/kg, Ethylbenzene -36 ug/kg in midstream sediment sample; Copper - 10.1 mg/kg in downstream sediment sample;

Data Gaps/Migration Pathways not Investigated:

Air, Soil, Groundwater - no off-site upgradient sample; Surface water - no off-site upstream sediment sample.

Superfund HRS Score: N/A

Actual SI Score: 31.35

Projected HRS Score: N/A

SSI Rating or Recommendation: N/A

Target Populations:

Distance to nearest public water supply source (well) No public GW supply
Distance to nearest private water supply source 500 feet from the site border

Provide population estimates for the following pathways:

Groundwater

0-1/4 mile 6
1/4-1/2 mile 20
1/2-1 mile 40
1-2 miles 120
2-3 miles 420
3-4 miles 900

Soil Exposure

On-site number of workers is unknown
0-1/4 mile 6
1/4-1/2 mile 20
1/2-1 mile 800

Air

0-1/4 mile 6, number of workers is unknown
1/4-1/2 mile 20
1/2-1 mile 800

1-2 miles 5,000
2-3 miles 30,000
3-4 miles 25,000

Surface Water

Distance to nearest intake: located upstream Population served: N/A
Total Population served within 15 miles downstream: N/A
Distance to nearest Fishery: on-site Name: Cahokia Creek
Distance to nearest sensitive environment: 1300 feet Type: wetland
Distance to nearest perennial Surface Water Body: on-site Type: creek

Other (non-Superfund) site inspection activities/Other Program Contacts:
County Health department inspections, Warzyn Engineering, Inc. Barrel Area
assessment, 1988; IEPA Groundwater sampling, CERCLA and non-CERCLA IEPA file
review September 4-6, 1991

Migration Pathways Investigated: Groundwater

Types/Contaminants of concern found for each migration pathway:
IEPA Groundwater sampling: Iron - 32,800 ug/l, Acetone - 34 ug/l, 1,1 di-
chloroethane - 50.87 ug/l.

Is there PRP/State RI/FS or other remediation underway? (Describe):
The Phase I development of the Old Milam Landfill was completed in 1989 in
accordance with the IEPA approved plan; Evaluation for Remedial Activities
was prepared by Warzyn Engineers, Inc in 1990; All monitoring wells are
periodically sampled by IEPA;

State Comment/Recommendation (to be completed by State): _____